Index of Claims

| Application/Contro | ol No. |
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10/652,495

Examiner

Nitin Parekh

Applicant(s)/Patent under Reexamination

KUMAKURA, MASAYUKI Art Unit

2811

| √ | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ļ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                 | am       |  |  | Dae  | •        |   |              |          | am       |   |          | Da              | e        |  | 7:::                 |          | am       |               |         |                | Da              | e  |                |           | $\neg$            |
|-----------------|----------|--|--|--|----------|---|--------------|----------|----------|---|----------|-----------------|----------|--|----------------------|----------|----------|---------------|---------|----------------|-----------------|--|----------------|-----------|-------------------|
|                 |          | 1<br>V   | П  | $\top$   |          |   |              |          |          |   |          |                 |          |  | 70                   |          | ľ        |               |         | T              | П               |  |                | П         | ヿ                 |
| ā               | <u> </u> | 14   | 1  | 1 1  |          |   |              | a a      | na       |   | 1        |                 |          |  |                      | <u></u>  | 2        |               |         |                |                 |  |                |           | - 1               |
| Final           | Original | HZ.  | li   | 1 1  |          |   |              | Final    | Original |   | .        |                 |          | 1 1  |                      | Final    | Original |               | 1       |                |                 |  |                |           | - 1               |
| -               | 0        | Sofute   |  | 1 1  |          |   |              | -        | Ō        |   |          | 1               |          | 1 1  |                      | "        | ō        |               |         |                |                 |  |                |           |                   |
| _               | 1        | 1  | <del>   </del>                                   | ╅  | $\dashv$ | ++-   |              | <u> </u> | 51       |   | +        | +               | $\dashv$ | +  | -∤∷                  |          | 101      | $\vdash$      | ╁       | ╫              | Н               | Н  | $\vdash$       | $\dashv$  | ᅥ                 |
|                 | 2        | <b>Y</b>   | $\vdash$   | +-+  | _        | ++  |              | <u> </u> | 52       |   | -        | +               |          | +  | $\dashv ::$          | ├        |          | $\vdash$      | +       | ₩              | -               | $\dashv$   | $\vdash$       | $\dashv$  | $\dashv$          |
|                 |          | ₩-   | $\vdash$   | +  | -        | -   |              | <u> </u> |          |   |          | -               |          | +  | -1:::                | <u> </u> | 102      | $\vdash$      | -       | ╀              | Н               | Н  | $\dashv$       | $\dashv$  | ᅴ                 |
|                 | 3        | ₩ 📗  | $\vdash$   | ╅  | +        | $\vdash$  |              |          | 53       |   |          | ╌               | _ _      | +  | -∤∷                  |          | 103      | $\vdash$      | +       |                | Ш               | Н  | $\rightarrow$  | $\dashv$  | 4                 |
| ⊢               | 4        | $H \vdash$                                       | <b></b>  | +  |          | <del>-  </del>  |              |          | 54       |   |          | 1               |          | +  | 4:::                 |          | 104      | $\perp$       | $\perp$ | ₩              |                 |  | $\rightarrow$  | _         | _                 |
| <u> </u>        | 5        | H-I-   | <b> </b>   | +  | - -      | <del></del>   |              |          | 55       | -   | _        | ┺               |          | +  | 4                    | L        | 105      |               | _       | <b> </b>       | Ш               |  | $\perp$        | _         | _                 |
| <u> </u>        | 6        | <b>  -</b>  -                                    | ╙  | $\perp$  |          | $\bot$  |              |          | 56       |   |          | Ш               |          | $\bot$   | _1∷:                 |          | 106      |               |         | _              | Ш               | ۰  |                |           |                   |
|                 | 7        |  | oxdot  | $\downarrow \downarrow$  |          | <u> </u>  |              |          | 57       |   |          | Ш               |          | $\bot$   |                      |          | 107      |               | ┸       |                |                 |  |                | $\perp$   |                   |
|                 | 8        | M  | $oldsymbol{\perp}$                               | $\perp \perp$  |          | $\sqcup \bot$   |              |          | 58       |   |          |                 | ot       |  | _                    |          | 108      |               |         |                |                 |  |                | $\perp$   | $oldsymbol{\bot}$ |
|                 | 9        | N  | $\sqcup \bot$                                    | $\perp \perp$  | ┸        |   |              |          | 59       |   |          |                 |          |  |                      |          | 109      |               |         |                |                 |  |                | $\perp$   |                   |
|                 | 10       |  |  |  |          |   |              |          | 60       |   |          |                 |          |  | $\exists :::$        |          | 110      |               | T       |                |                 |  |                | $\exists$ | $\neg$            |
|                 | 11       |  |  | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | $\Box$   |   |              |          | 61       |   |          |                 |          |  | 7:::                 |          | 111      |               | $\top$  | Т              | П               |  | $\neg \neg$    | $\neg$    | $\neg$            |
|                 | 12       |  |  |  |          |   |              |          | 62       |   |          | П               |          | 1.   | $\exists ::$         |          | 112      |               | 1       | Ì              |                 |  | $\neg$         | $\neg$    |                   |
|                 | 13       |  |  | П  | $\top$   |   |              |          | 63       |   |          | П               |          |  | 7:::                 |          | 113      |               | 1       | T              | H               |  | $\dashv$       | 寸         | ᅱ                 |
|                 | 14       | $\sqcap \vdash$                                  |  | 11   |          |   |              |          | 64       |   |          | П               | $\neg$   | 11   | 783                  |          | 114      | 1             | _       | t              | Н               |  | $\dashv$       | $\dashv$  | $\dashv$          |
|                 | 15       |  |  | 11   |          | $\vdash$  |              |          | 65       |   |          | Н               |          | 1-1-   | 7:::                 |          | 115      | $\vdash$      | +       | 一              | $\vdash$        |  | -+             | 十         | ᅱ                 |
|                 | 16       |  |  | 17   | $\neg$   |   |              |          | 66       |   | _        | $\Box$          | $\neg$   | <del>                                     </del> | <b>∃</b> ∷           |          | 116      |               | +       | t              | Н               | $\dashv$   | $\dashv$       | $\dashv$  | 一                 |
|                 | 17       | <del> - -</del>                                  | $\vdash$   | + +  | $\neg$   |   |              |          | 67       | -   | $\dashv$ | $\vdash$        | $\dashv$ | ++   | $\exists :: \exists$ |          | 117      | $\dashv$      | +-      | $\vdash$       | Н               | $\dashv$   | $\dashv$       | $\dashv$  | $\dashv$          |
|                 | 18       | <del>   -</del>                                  | <del>                                     </del> | + +  | +        | <del>                                     </del>  |              |          | 68       | -1-1  |          | $\vdash$        | $\vdash$ | + +  | - ∷                  |          | 118      | +             | +       | ╁              | $\vdash$        | $\dashv$   | -+             | 十         | $\dashv$          |
|                 | 19       |  | ╁┼╌  | +  | +-       | <del>      -   -  </del>  | ::::         |          | 69       | +   | +        | $\vdash$        | +        | + .1   | - 3                  |          | 119      | +             | +       | $\vdash$       | $\vdash \vdash$ | $\dashv$   | $\dashv$       | +         | $\dashv$          |
|                 | 20       | <del>-                                    </del> | <del>                                     </del> | +-+  |          | <del>                                     </del>  | :            |          | 70       |   |          | Н               | +        | +-   | - ∷                  |          | 119      |               | ┿       | <del>-</del>   |                 |  | -              | $\dashv$  | $\dashv$          |
| $\vdash$        |          |  |  | +  |          | <del> - -</del>   |              |          |          | +   |          | $\vdash$        |          | +  | -1:::                |          | 120      | -             | +       | ┼—             | Н               |  |                | +         | ᅴ                 |
|                 | 21       |  | <del>                                     </del> | +  |          | $\vdash$  |              |          | 71       | $\rightarrow$   | -        | <del> </del>    | _        | +  | -∤∷:                 |          | 121      |               |         | <del> </del> _ |                 |  |                | -         |                   |
|                 | 22       | $\vdash$   | $\vdash$   | ++   |          | $\vdash$  |              |          | 72       | $-\!$ | _        | $\sqcup$        | -        |  | 400                  |          | 122      |               | $\perp$ |                | Щ               | _  | _              | 4         | _                 |
| <u> </u>        | 23       |  | $\vdash$   | +  |          |   |              |          | 73       | $\dashv$  |          | L_I             |          |  | 400                  |          | 123      |               |         | ـــــ          |                 | $\perp$  | _              | $\dashv$  | _                 |
|                 | 24       | $\vdash$   | <u> </u>   | -  |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |              |          | 74       |   | _ _      | Ш               |          | $\perp \perp$                                    | _ ∷                  |          | 124      |               |         |                |                 |  |                | $\perp$   |                   |
|                 | 25       |  | $oxed{oldsymbol{oldsymbol{eta}}}$                | $\perp \perp$  |          | $\sqcup \sqcup$   |              |          | 75       | $-\!\!\perp\!\!\perp$   |          | Ш               |          | $\perp \perp$                                    | ∟∷                   |          | 125      |               |         |                |                 |  |                |           |                   |
| oxed            | 26       |  | $\sqcup$   | $\perp$  |          |   |              |          | 76       |   |          | Ш               |          |  | _ :::                |          | 126      |               |         |                |                 |  |                |           |                   |
|                 | 27       |  |  |  |          |   |              |          | 77       |   |          |                 |          |  |                      |          | 127      |               |         |                |                 |  |                |           |                   |
|                 | 28       |  |  | 1. 1   |          |   |              |          | 78       |   |          |                 |          |  | 7:::                 |          | 128      |               | T       |                |                 |  | T              | T         | コ                 |
|                 | 29       |  |  |  |          |   |              |          | 79       |   | $\top$   | П               |          |  | 7:::                 |          | 129      |               | T       |                |                 |  |                | 丁         | ヿ                 |
|                 | 30       |  |  | 1 1  |          |   |              |          | 80       |   |          | П               |          | 1 1  | 7:::                 |          | 130      |               | 1       | 1              |                 |  | 十              | $\dashv$  | ヿ                 |
|                 | 31       |  |  | 11   |          |   |              |          | 81       |   |          | П               | $\neg$   |  | 1::                  |          | 131      | 1             |         | †              |                 | _  |                | _         | -                 |
|                 | 32       |  |  | 11   |          |   |              |          | 82       | $\dashv$  | _        | H               | 十        | 1 -  | 1:::                 |          | 132      | _             | +       | $\vdash$       | $\exists$       | $\dashv$   | $\dashv$       | 十         | $\dashv$          |
|                 | 33       |  |  | +  | 1        | 1   |              |          | 83       | $\dashv$  |          | $\vdash$        | _        | 1 1  | 100                  |          | 133      | $\dashv$      |         | -              | $\dashv$        | -  | $\dashv$       | +         | ┪                 |
| $\Box$          | 34       |  |  | +-+  | $\top$   |   |              |          | 84       | <del>- - </del>   | $\dashv$ | Н               | +-       | +  | 100                  |          | 134      | +             | +       | $\vdash$       | $\dashv$        | -  | -              | +         | 一                 |
|                 | 35       |  | $\vdash$   | † †  | $\dashv$ |   |              |          | 85       |   | _        | H               | +-       | ++   | <b>⊣</b> ∷           |          | 135      | +             | +       | Н              | $\dashv$        | $\dashv$   | +              | +         | $\dashv$          |
| $\vdash \vdash$ | 36       | - -  | - -  | +  | -        | +   |              |          | 86       |   | +        | H               | +        | +  | 1:::1                |          | 136      |               | +       | $\vdash$       | $\dashv$        | $\dashv$   | +              | +         | $\dashv$          |
|                 | 37       | <del>                                     </del> | $\vdash$   | + +  | +        | <del> -  -  </del>  |              |          | 87       |   |          | ⊢               |          | +-   | 4::1                 |          | 130      |               | +       | $\vdash$       | $\dashv$        | $\dashv$   | -+             | +         | 4                 |
| $\vdash$        | 30       |  | $\vdash\vdash$                                   | ++   |          | +-+   |              |          |          |   |          | $\vdash \vdash$ |          | +-   | - 1                  |          | 137      |               | +-      | $\vdash$       | $\vdash$        | $\dashv$   | $\dashv$       | +         | 4                 |
| $\vdash \vdash$ | 38       | <del>                                     </del> | $\vdash \vdash$                                  | ++   |          |   |              |          | 88       | -   |          |                 |          |  | 4::1                 |          | 138      | -             |         | Н              |                 | -  | -              | 4         | <b>山</b>          |
|                 | 39       | $\vdash$   | <del></del>                                      | 1  |          | $\vdash$  |              |          | 89       | $\dashv$  |          |                 | _  _     | ++   | 489                  |          | 139      | $\perp$       | -       | Щ              | $\sqcup$        | _  | _              | _         | _                 |
| <u> </u>        | 40       | $\vdash \vdash$                                  |  | 1  |          | $\vdash$  |              |          | 90       | $\dashv$  | $\perp$  |                 | _ _      | ₩-   | 4::1                 |          | 140      |               | $\perp$ | Ш              |                 | _  | _              | _         | $\Box$            |
| L               | 41       | $\sqcup \!\!\! \perp$                            | <b> </b>  _                                      | $\downarrow \downarrow$  | _        | Ш   |              |          | 91 .     |   | _ _      | Ш               |          | $\perp \perp$                                    | 483                  |          | 141      | _ _           | 丄       | Ш              |                 |  | $\perp$        | $\perp$   | 旦                 |
|                 | 42       | oxdot  | ot   |  |          | $oxed{oxed}$  |              |          | 92       |   |          | لــــا          |          |  | ∷                    |          | 142      |               |         |                |                 | $oldsymbol{ol{ol}}}}}}}}}}}}}}}}}}}$ | $-\Gamma$      |           | _]                |
|                 | 43       |  |  |  |          |   |              |          | 93       | $\bot \!\!\!\! \bot$  |          |                 | ot       | $\perp \Gamma$                                   |                      |          | 143      |               |         |                |                 | T  | T              | T         | $\neg$            |
|                 | 44       |  | $\Box \Box$                                      | $\Box$   |          |   |              |          | 94       |   |          |                 |          |  |                      |          | 144      |               | Т       |                |                 | $\neg$   |                | $\top$    | ヿ                 |
|                 | 45       |  |  |  |          |   |              |          | 95       |   |          |                 | 7        |  | 7:::1                |          | 145      | $\neg \vdash$ | 十一      | П              |                 | 7  | $\neg$         | 十         | ヿ                 |
|                 | 46       |  |  |  |          |   |              |          | 96       | $\neg$  | $\neg$   | П               | $\neg$   |  | 7::1                 |          | 146      | 十             | 1       | П              |                 | _  | $\neg \dagger$ | 十         | ᆌ                 |
|                 | 47       | $\vdash$   | $\vdash\vdash$                                   | 1  |          | <del>       </del>  |              |          | 97       | $\dashv$  | $\neg$   | $\vdash$        | _        | +  | :::                  |          | 147      | $\dashv$      | +       | $\vdash$       | $\dashv$        | +  | _              | +         | $\dashv$          |
|                 | 48       | -  | $\vdash$   | <del>     </del>   | +-       | <del>                                     </del>  |              |          | 98       | $\dashv$  | +        | H               |          | ++   | 1::1                 |          | 148      |               | +-      | $\vdash$       | -               | -+   | +              | 十         | $\dashv$          |
| $\vdash$        | 49       | $\vdash\vdash$                                   | $\vdash\vdash$                                   | ╁╼┼  |          | $\vdash\vdash\vdash$  |              |          | 99       | ++  | +        |                 | $\dashv$ | +  | 1:::1                |          | 149      | +             | +       | $\vdash$       | $\dashv$        | $\dashv$   | $\dashv$       | +         | $\dashv$          |
| $\vdash$        | 50       | $\vdash$   | $\vdash \vdash$                                  | +-+  | _        | $\vdash\vdash\vdash$  | $  \cdots  $ |          | 100      |   | +        | $\vdash \vdash$ | +        | +  | -{∷                  |          | 150      | +             | +       | ┥              | -               | -+   | -              | +         | $\dashv$          |
| لــــا          |          |  |  |  |          | لــــــــا  | · · · • •    |          | 100      |   |          |                 | l_       |  | _::::{               | -        | 130      |               |         | ш              |                 |  |                |           | ┙                 |